



A.D. 1854 N^o 1702.

SPECIFICATION

OF

JOSHUA BROWN.

CONSUMING SMOKE.

LONDON:

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1855.



A.D. 1854 N° 1702.

Consuming Smoke.

(This Invention received Provisional Protection, but notice to proceed with the application for Letters Patent was not given within the time prescribed by the Act.)

PROVISIONAL SPECIFICATION left by Joshua Brown at the Office of the Commissioners of Patents, with his Petition, on the 2nd August 1854.

I, the said JOSHUA BROWN, of Stockport, in the County of Chester, Superintendent of Police, do hereby declare the nature of the said Invention for
5 “IMPROVEMENTS IN THE METHOD OF CONSUMING SMOKE” to be as follows:—

My Invention consists in effecting a consumption of smoke arising from furnaces or other such apparatus, by causing the products of combustion to return to the fire after they are evolved by the agency of the draft of air used for keeping up the combustion; to this end, I close the front of the fire-place and
10 ash pit as nearly as possible, so that no air, or but a small quantity, can there enter, and I open a communication between the flue or chimney and the fire at any convenient situation (in addition to the usual opening to the chimney), by which arrangement the air necessary for the support of combustion must come from the flue or chimney, and will carry with it the smoke, so as to submit it
15 to the heat of the fire. In order to prevent access of air during firing, the fuel may be supplied by a hopper in any suitable position. A small door accurately fitted may be adapted for the purpose of stoking, and other accurately fitting doors to the ash pit.

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Printers to the Queen's most Excellent Majesty. 1855.

